

## EAST Search History

| Ref # | Hits | Search Query              | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---------------------------|---|------------------|---------|------------------|
| L1    | 4990 | 174/250,252,255,260.ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/03/27 17:34 |
| L2    | 348  | 361/795.ccls.             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/03/27 17:34 |
| L3    | 364  | 361/790.ccls.             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/03/27 17:34 |
| L4    | 357  | L3 not L2                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/03/27 17:34 |
| L5    | 162  | 361/791.ccls.             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/03/27 17:34 |
| L6    | 134  | L5 not (L4 L3 L2)         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/03/27 17:34 |
| L7    | 1032 | 361/792.ccls.             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/03/27 17:34 |
| L8    | 118  | 361/793.ccls.             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/03/27 17:34 |

## EAST Search History

|     |      |  |   |    |    |                  |
|-----|------|--|---|----|----|------------------|
| L9  | 71   | L8 not (L7 L6 L5 L4 L3 L2)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/27 17:34 |
| L10 | 371  | 361/794.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/27 17:34 |
| L11 | 4421 | 1 not (L10 L9 L8 L7 L6 L5 L4 L3 L2)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/27 18:00 |
| L12 | 186  | 11 and ((embed\$3 build\$in buried burying) near10 (ic component element))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/27 18:00 |
| L13 | 8    | ("4758922"   "5418690"   "5708569"   "5834994"   "6218729"   "6443179"   "6577208"   "6750737").PN. OR ("6928726").<br>URPN.             | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/03/27 17:38 |
| L14 | 13   | ("4327399"   "4631636"   "4734315"   "4739443"   "4774630"   "5199165"   "5306866"   "5355942"   "5793611").PN. OR ("6292366").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/03/27 17:52 |
| L15 | 25   | ("4320438"   "4381032"   "4383270"   "4385202"   "4415025"   "4491622"   "4589057"   "4602318").PN. OR ("4739443").<br>URPN.             | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/03/27 17:59 |
| L16 | 3394 | 257/686-688.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/27 17:59 |
| L17 | 3238 | 16 not (I11 L10 L9 L8 L7 L6 L5 L4 L3 L2)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/27 18:07 |

## EAST Search History

|     |      |   |   |    |    |                  |
|-----|------|---|---|----|----|------------------|
| L18 | 135  | 17 and ((embed\$3 build\$in buried burying) near10 (ic component element))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/27 18:09 |
| L19 | 24   | ("20020159242"   "20020175402"   "20030057544"   "5081563"   "5241456"   "5336928"   "5346750"   "5565706"   "5724232"   "5745984"   "5777381"   "5874770"   "5877550"   "6038133"   "6154366"   "6239496"   "6387734"   "6469374"   "6518093"   "6538210"   "6559531"   "6576984"   "6590291").PN. OR ("6784530"). URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/03/27 18:07 |
| L20 | 2358 | 361/748-751.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/27 18:07 |
| L21 | 1810 | 20 not (17 16 l11 L10 L9 L8 L7 L6 L5 L4 L3 L2)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/27 18:10 |
| L22 | 52   | 21 and ((embed\$3 build\$in buried burying) near10 (ic component element))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/27 18:09 |
| L23 | 9839 | (circuit adj board) and ((embed\$3 build-in (build adj in) buried burying) near10 (ic component element device))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/27 18:10 |
| L24 | 9445 | 23 not (20 17 16 l11 L10 L9 L8 L7 L6 L5 L4 L3 L2)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/27 18:11 |

## EAST Search History

|     |      |   |   |    |                  |                  |
|-----|------|---|---|----|------------------|------------------|
| L25 | 1258 | 24 and (sandwich\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON               | 2006/03/27 18:12 |
| L26 | 361  | 25 and (laminate prepreg)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON               | 2006/03/27 18:12 |
| L27 | 59   | 26 and (circuit adj pattern or wiring<br>adj layer)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON               | 2006/03/27 18:14 |
| L29 | 43   | ("4954878"   "5099306"   "5109320"<br>  "5128831"   "5222014"  <br>"5239198"   "5252857"   "5291061"<br>  "5300801"   "5323060"  <br>"5403784"   "5422435"   "5434745"<br>  "5466627"   "5473814"  <br>"5477082"   "5481134"   "5494841"<br>  "5495398"   "5496775"  <br>"5498902"   "5498905"   "5506756"<br>  "5508565"   "5512765"  <br>"5512780"   "5513076"   "5535101"<br>  "5594275"   "5612576"  <br>"5639696"   "5705858"   "5715144"<br>  "5728606"   "5729440"  <br>"6051878"   "6222265").PN. OR<br>("6404044").URPN. | OR  | ON | 2006/03/27 18:48 |                  |
| L31 | 4    | ("6353189" "6538210").pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON               | 2006/03/27 18:50 |
| S1  | 16   | ("5181141" "5079046" "5384691"<br>"6061243" "6061902" "6066389"<br>"6188582" "6246013").pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON               | 2006/03/27 15:38 |
| S2  | 348  | 361/795.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON               | 2006/03/27 15:54 |

## EAST Search History

|    |     |  |   |    |    |                  |
|----|-----|--|---|----|----|------------------|
| S3 | 25  | ("6522555" "6784530" "5306670" "5432677" "20030137045" "6538210" "6625880" "6051878" "6222265" "6979895" "6416333" "6188127" "5241454").pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/27 16:30 |
| S4 | 40  | ("4954878"   "5012323"   "5099306"   "5109320"   "5128831"   "5222014"   "5239198"   "5252857"   "5291061"   "5300801"   "5323060"   "5403784"   "5422435"   "5434745"   "5466627"   "5473814"   "5477082"   "5481134"   "5494841"   "5495398"   "5496775"   "5498902"   "5498905"   "5506756"   "5508565"   "5512765"   "5512780"   "5513076"   "5535101"   "5594275"   "5612576"   "5639696"   "5705858"   "5715144"   "5728606"   "5729440"   "6051878"   "6222265"   "6404044"   "6583503").PN. OR ("6979895").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/03/27 16:03 |
| S5 | 212 | ("3764856"   "3829601"   "3904934"   "4574331"   "4581679"   "4764846"   "4773868"   "4833568"   "4894706"   "4983533"   "4988306"   "5007841"   "5019945"   "5030110").PN. OR ("5128831").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/03/27 16:06 |
| S6 | 24  | ("20020159242"   "20020175402"   "20030057544"   "5081563"   "5241456"   "5336928"   "5346750"   "5565706"   "5724232"   "5745984"   "5777381"   "5874770"   "5877550"   "6038133"   "6154366"   "6239496"   "6387734"   "6469374"   "6518093"   "6538210"   "6559531"   "6576984"   "6590291").PN. OR ("6784530").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/03/27 16:12 |
| S7 | 10  | ("4812949"   "5081562"   "5081563"   "5306670"   "5590461"   "5597643"   "5659953").PN. OR ("6625880").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/03/27 16:14 |
| S8 | 4   | ("5851337"   "6060150"   "6143116").PN. OR ("6522555").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/03/27 16:16 |
| S9 | 43  | ("4729061"   "5108825"   "5157589"   "5161093"   "5280414"   "5306670").PN. OR ("5432677").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/03/27 16:19 |

## EAST Search History

|     |      |  |   |    |    |                  |
|-----|------|--|---|----|----|------------------|
| S10 | 43   | ("4729061"   "5108825"   "5157589"   "5161093"   "5280414"   "5306670").PN. OR ("5432677").URPN.             | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/03/27 16:19 |
| S11 | 14   | ("5073814"   "5108825"   "5161093"   "5306670"   "5347091"   "5432677"   "5452182").PN. OR ("6400573").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/03/27 16:24 |
| S12 | 364  | 361/790.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/27 16:30 |
| S13 | 357  | S12 not S2   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/27 16:35 |
| S14 | 162  | 361/791.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/27 16:35 |
| S15 | 134  | S14 not (S13 S12 S2)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/27 16:38 |
| S16 | 1032 | 361/792.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/27 16:38 |
| S17 | 903  | S16 not (S15 S14 S13 S12 S2)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/27 16:49 |
| S18 | 118  | 361/793.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/27 16:48 |

## EAST Search History

|     |     |  |   |    |    |                  |
|-----|-----|--|---|----|----|------------------|
| S19 | .71 | S18 not (S16 S15 S14 S13 S12 S2)         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/27 16:52 |
| S20 | 371 | 361/794.ccls.                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/27 16:51 |
| S21 | 234 | S20 not (S19 S18 S16 S15 S14 S13 S12 S2) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/27 17:34 |